

FIG. 1

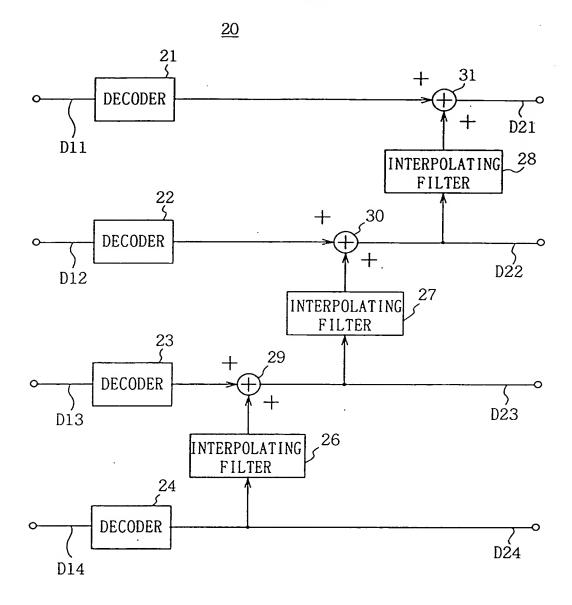


FIG. 2

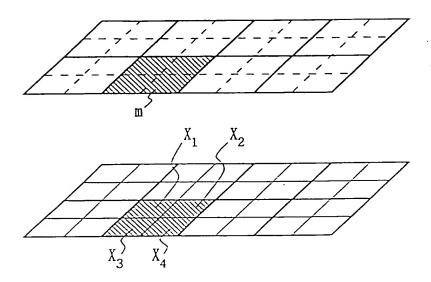


FIG. 3

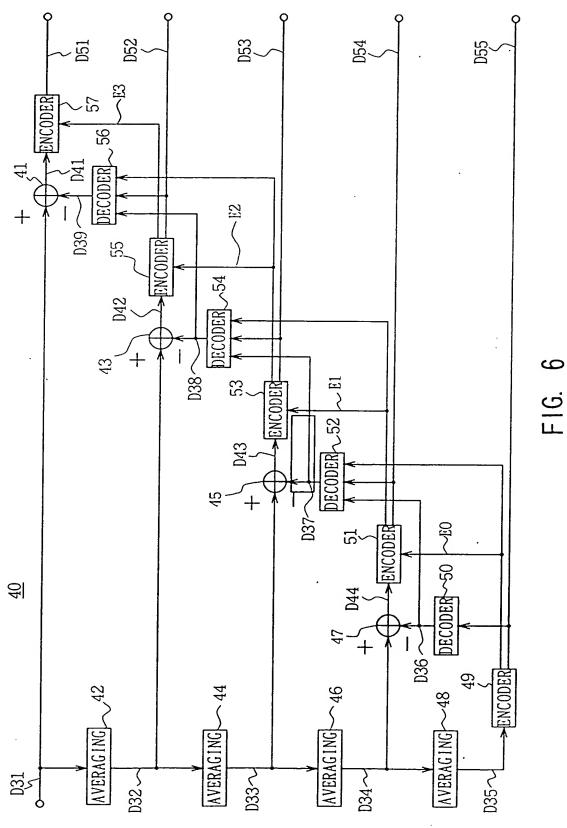
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	DIVISION INHIBITING CONDITION TO LOWER HIERARCHY (MAXIMUM DIFFERENCE DATA ≦ THRESHOLD VALUE)											
STANDARD PICTURES	ERR()R ≤ 1	ERRO)R≦2	ERRO)R≦3	ERRC	R ≤ 4	ERRO	R≦5	ERRO)R≦6
SKIN-COLOR CHART	0.	5 6	0.	29	0.	2 1	0.	19	0.	17	0.	1 5
YACHT HARBOR	0.	86	0.	74	0.	6 5	0.	59	0.	53	0.	48
SWEATER AND BAG	0.	81	0.	59	0.	44	0.	3 5	0.	29	0.	24
EIFFEL TOWER	0.	59	0.	38	0.	30	0.	26	0.	24	0.	22
HAT SHOP	0.	8 2	0.	6 5	0.	53	0.	4 5	0.	4 0	0.	35
LOVERS IN SNOW	0.	6 5	0.	3 5	0.	23	0.	18	0.	1 4	0.	12
INFORMATION BOARD FOR TOURIST	0.	75	0.	60	0.	5 3	0.	47	0.	4 3	0.	40
TULIP GARDEN	0.	91	0.	8 7	0.	83	0.	79	0.	7 5	0.	7 2
CHROMAKEY CHART	0.	5 0	0.	3 0	0.	2 5	0.	22	0.	20	0.	18
AVERAGE	0.	72	0.	53	0.	44	0.	39	0.	3 5	0.	3 2

FIG. 4

STANDARD PICTURES	ORIGINAL SIGNAL	FIRST HIERARCHY	SECOND HIERARCHY		FOURTH	FIFTH HIERARCHY
SKIN-COLOR CHART	30	4	5	5	. 7	30
YACHT HARBOR	58	13	15	16	17	49
SWEATER AND BAG	56	6	7	8	11	53
EIFFEL TOWER	52	8	9	9	10	49
HAT SHOP	56	8	12	15	18	49
LOVERS IN SNOW	56	4	6	8	10	54
INFORMATION BOARD FOR TOURIST	68	11	15	18	19	61
TULIP GARDEN	52	17	17	17	16	39
CHROMAKEY CHART	55	8	9	9	10	52
AVERAGE	54	9	11	12	13	48

FIG. 5



X1(3)X2(3) X1(4) X2(4) X4(3)X3(3) X4(4) X3(4) _D34 D33ر X2(2) X1(2)_ X4(2)/ X1(5) D35 D32 X2(1) (X3(1) X1(1) X4(1)

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FIG. 7

√D31

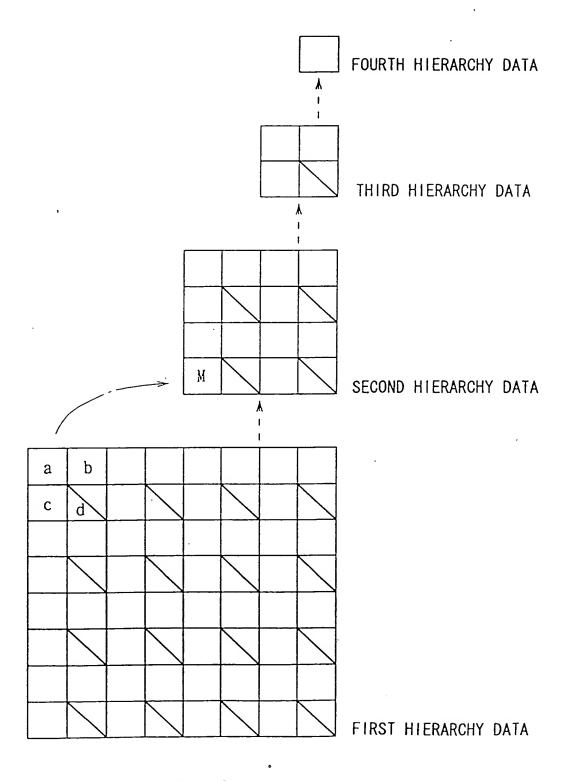


FIG. 8

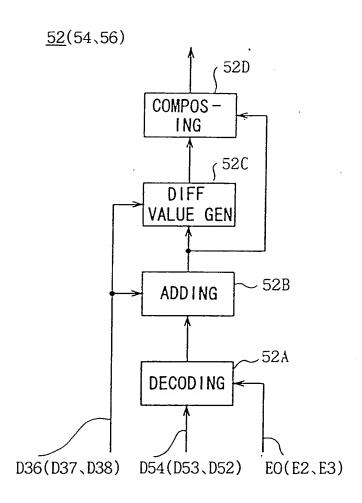


FIG. 9

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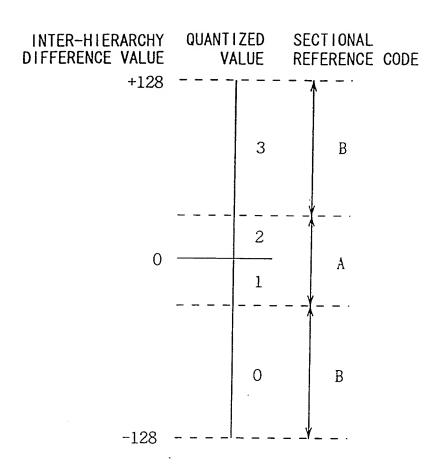


FIG. 10

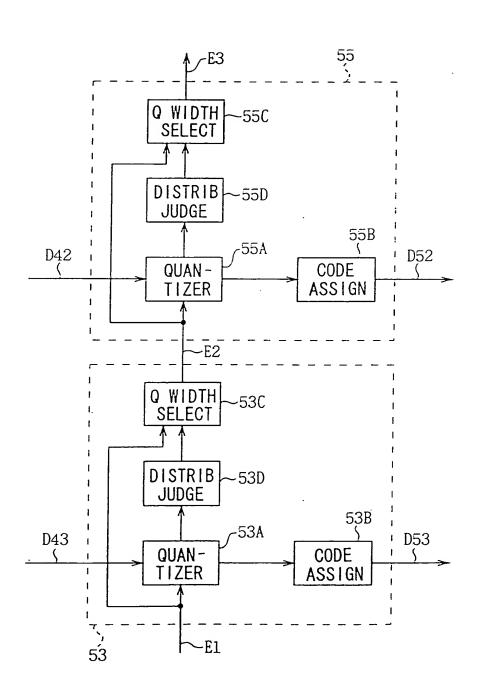


FIG. 11

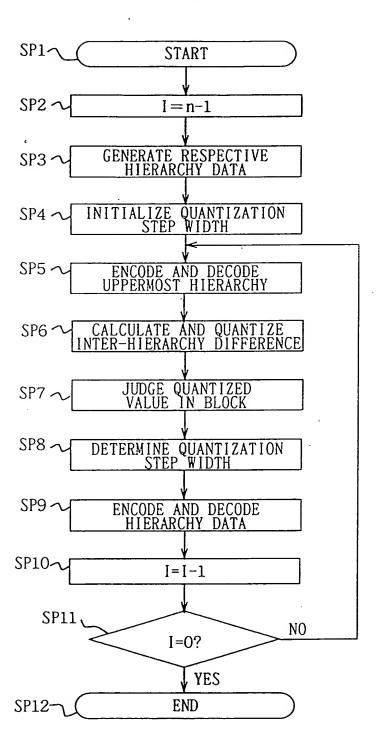
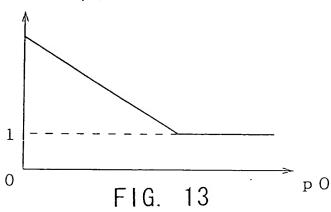
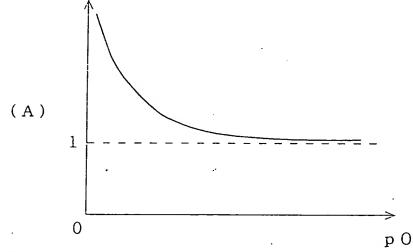


FIG. 12



NON-LINEAR WEIGHT : w2(p0)



NON-LINEAR WEIGHT : w3(p0)

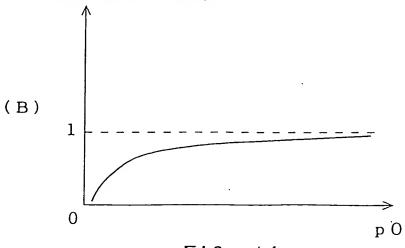
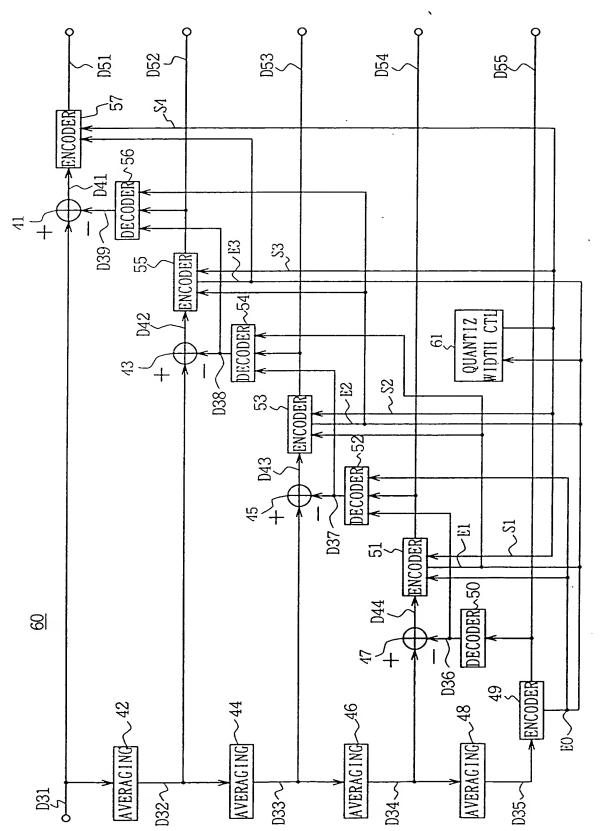


FIG. 14



F1G. 15

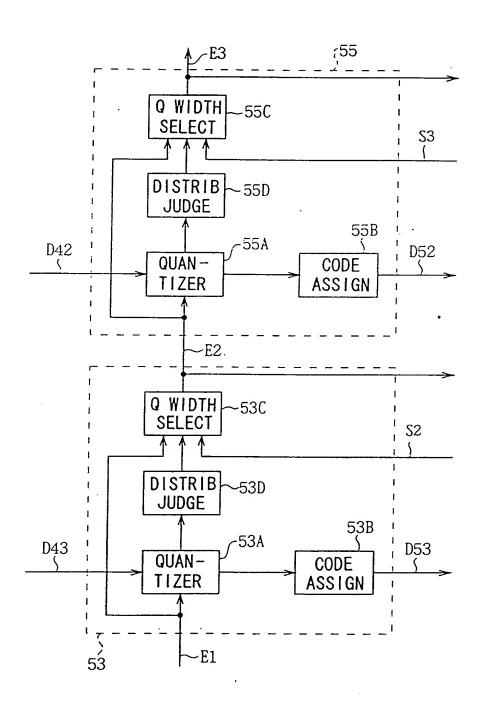


FIG. 16

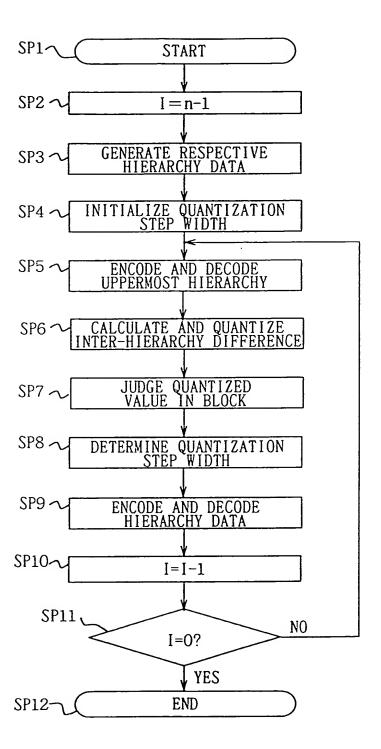
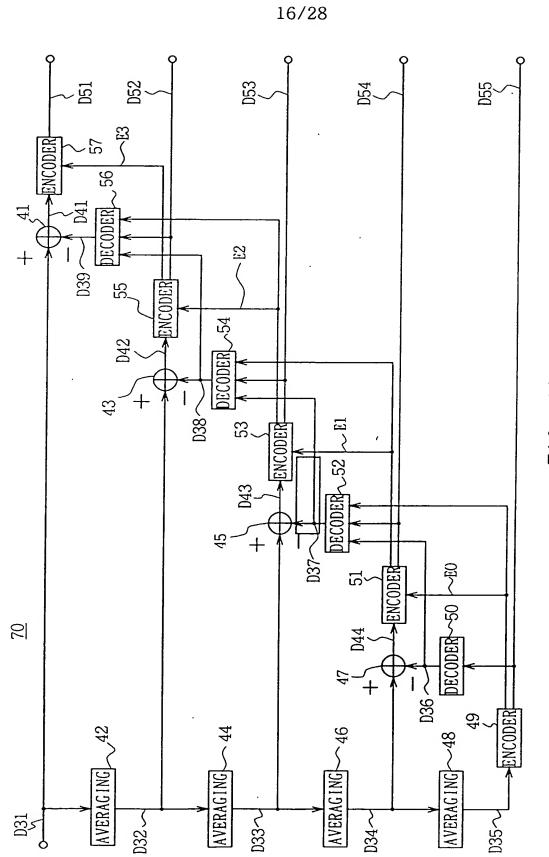


FIG. 17



F1G. 18



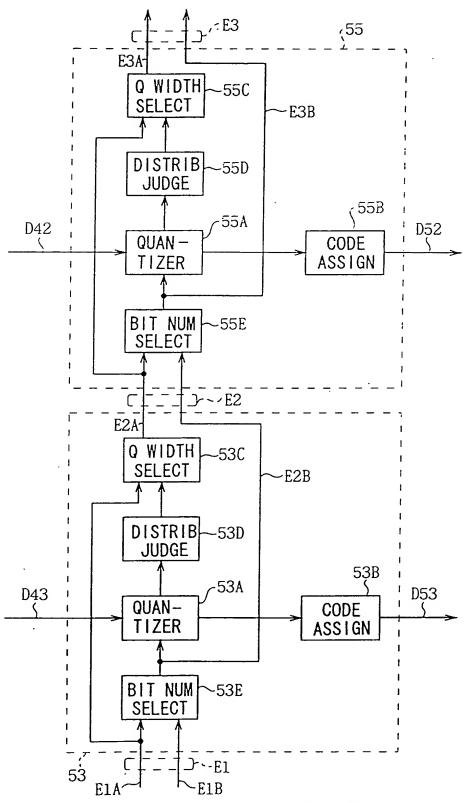
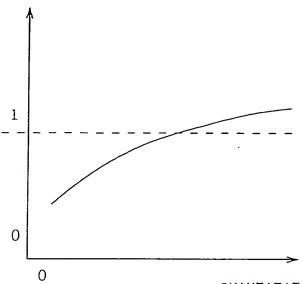


FIG. 19

QUANTIZATION BIT NUMBER WEIGHT DETERMINING FUNCTION ; f0(p0)



QUANTIZATION STEP WIDTH OF UPPER HIERARCHY: p0

FIG. 20

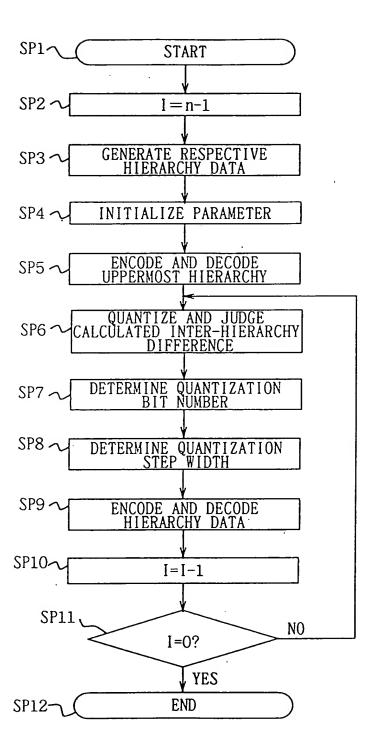
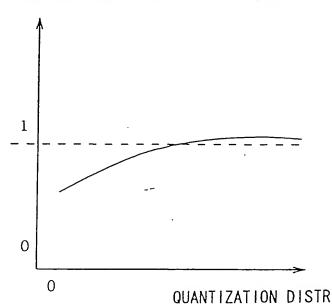


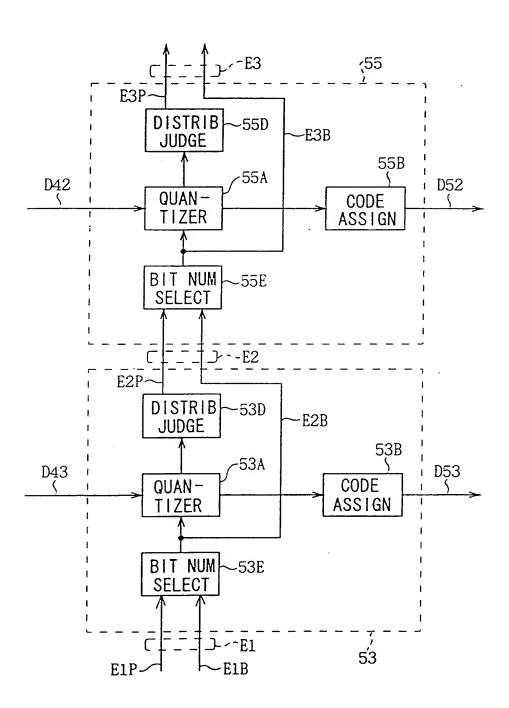
FIG. 21

QUANTIZATION BIT NUMBER
WEIGHT DETERMINING FUNCTION ; f1(ptn)

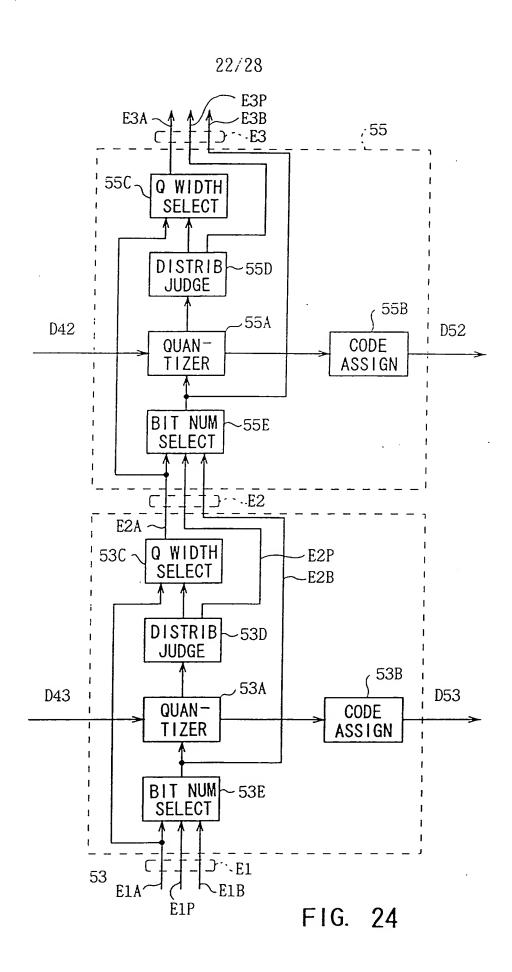


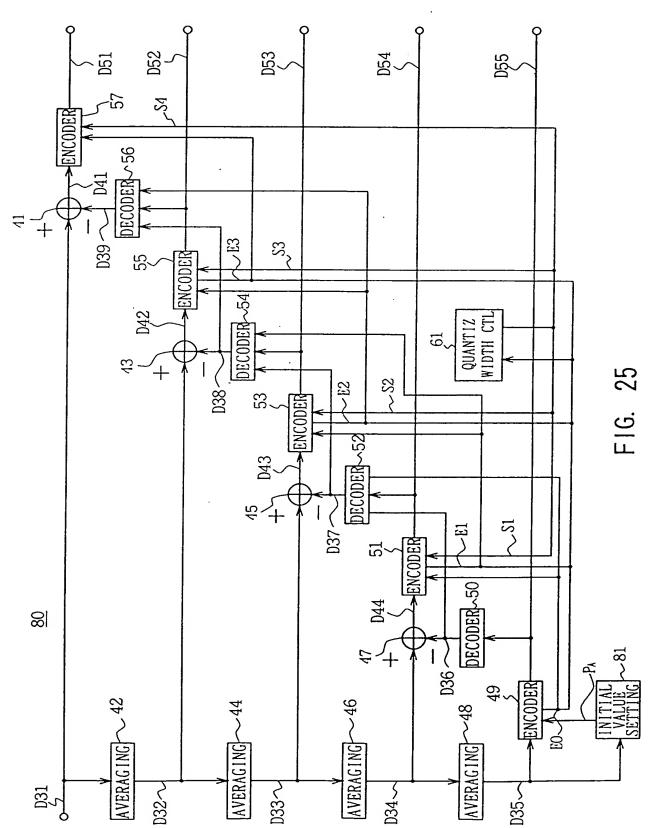
QUANTIZATION DISTRIBUTION PARAMETER IN BLOCK ; ptn

FIG. 22



.FIG. 23





- x 0	X 1	X 2		
X 7	m	х3		
X 6	X 5	X 4		

FIG. 26

	X 0	
х3	m	X 1
	X 2	

FIG. 28

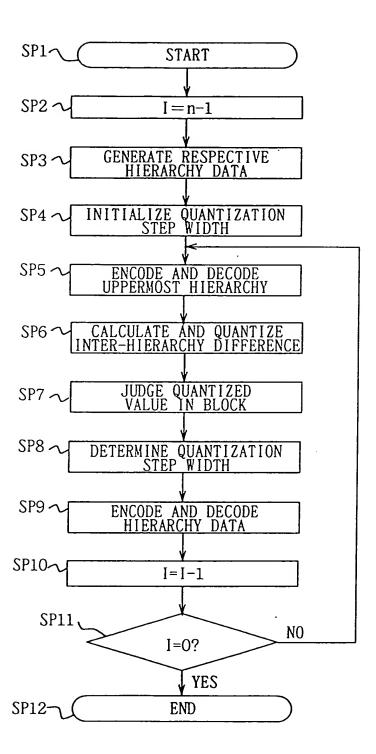


FIG. 27

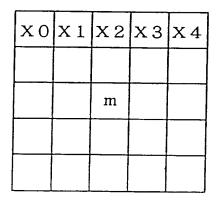


FIG. 29

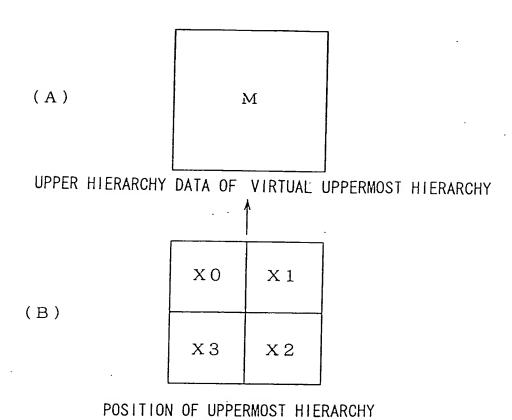


FIG. 30